

ABSTRACT OF THE DISCLOSURE

A printer controller provides a network controller for receiving data from an outside device; a digital signal processor having a VLIW structure capable of parallel processing; and a fixed logic LSI for receiving/transmitting data from/to a printer engine, where: respective cyan, magenta, yellow and black as four primary colors are allocated to respective clusters, and processed in parallel, and processed results are transmitted to the printer engine via the fixed logic LSI.